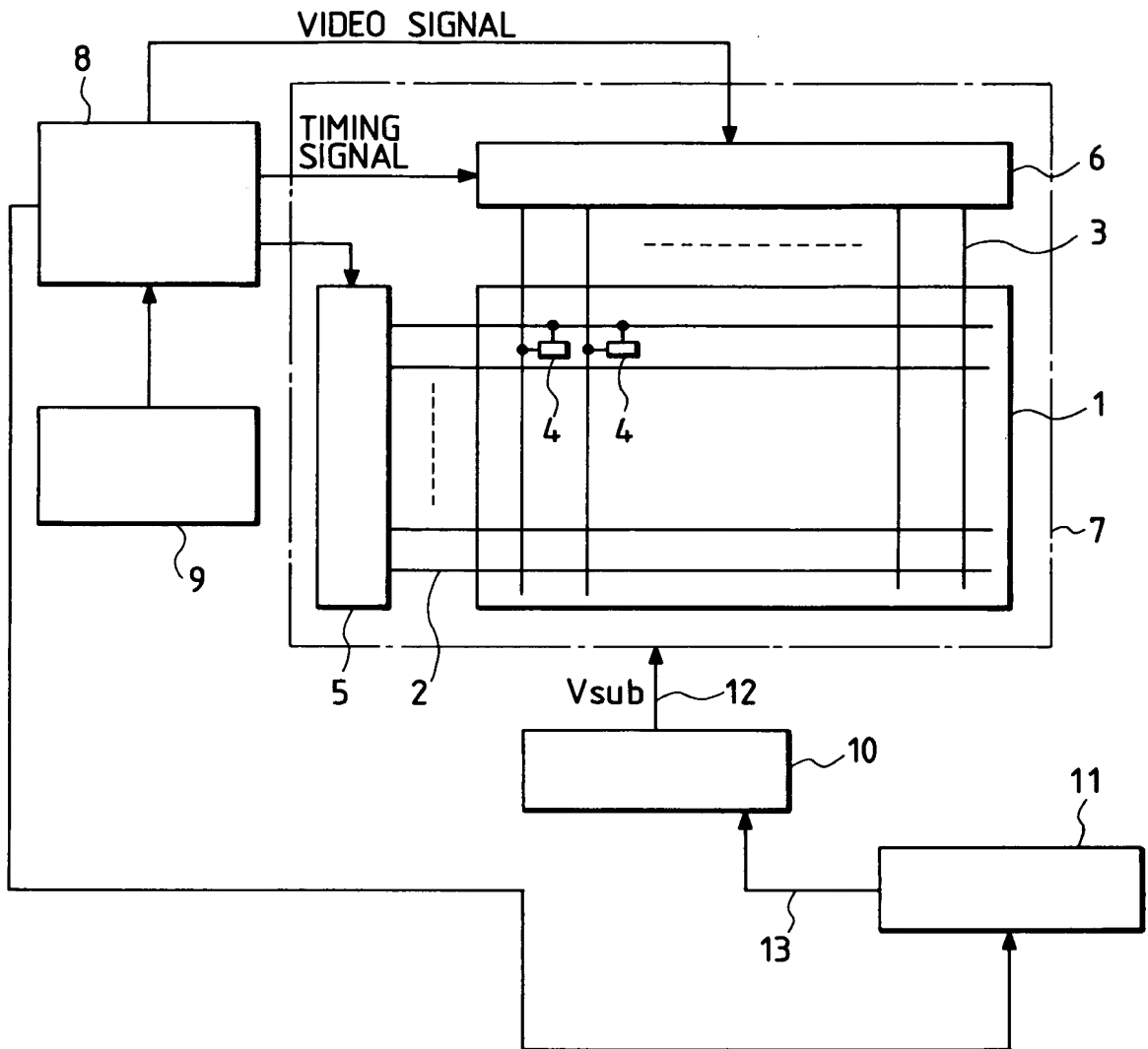


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FIG. 1



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FIG. 2(a)

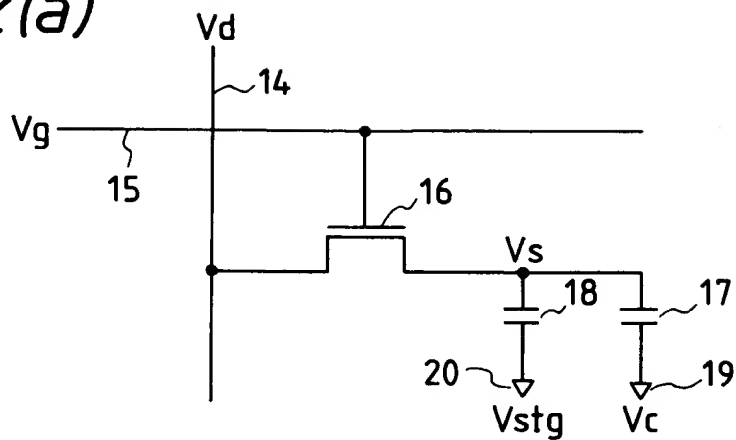


FIG. 2(b)

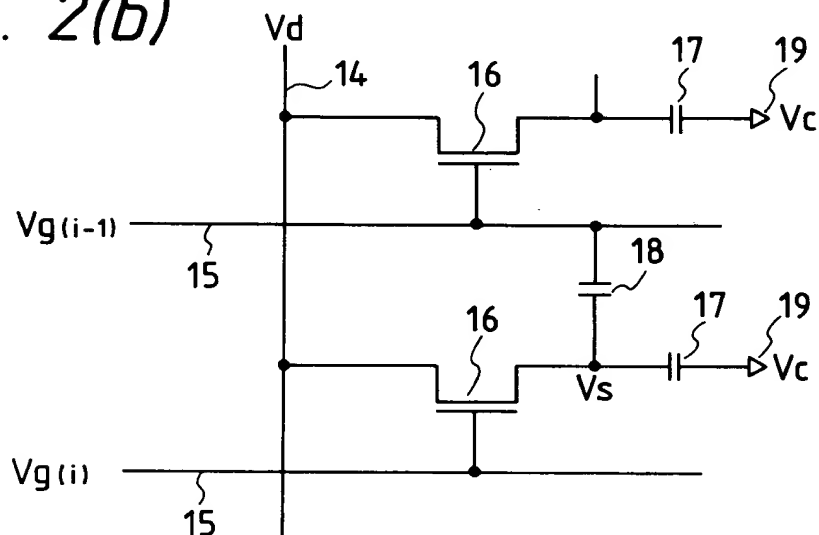
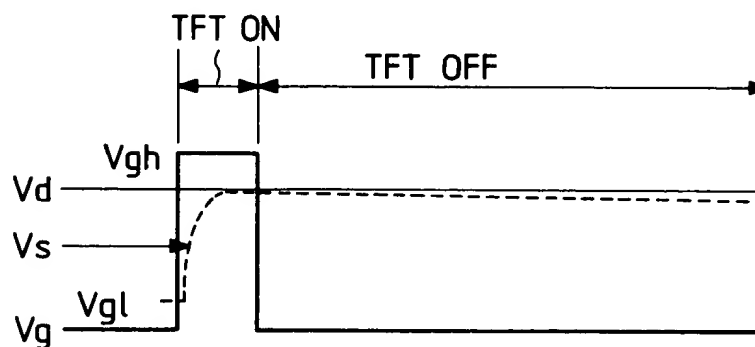
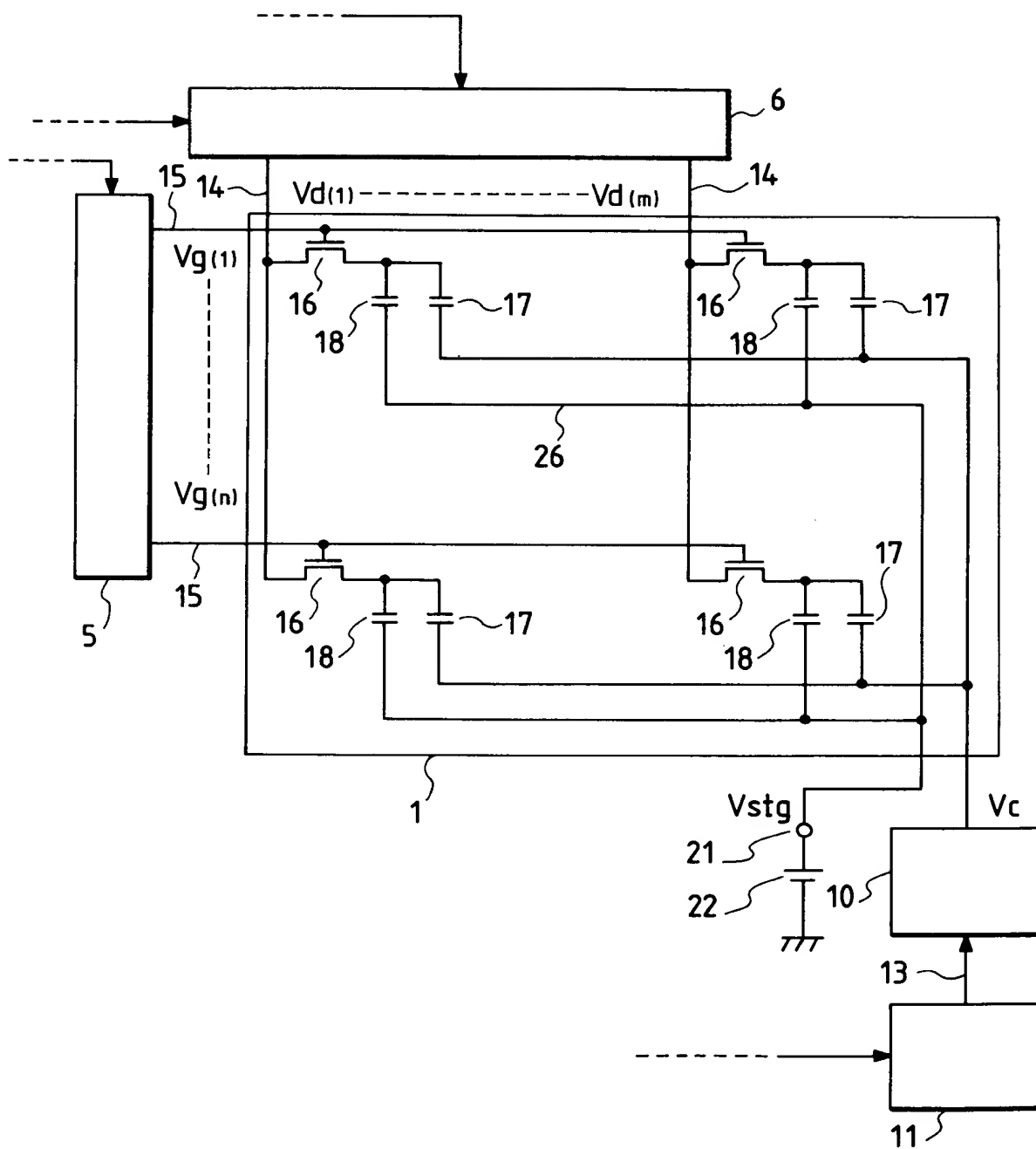


FIG. 3



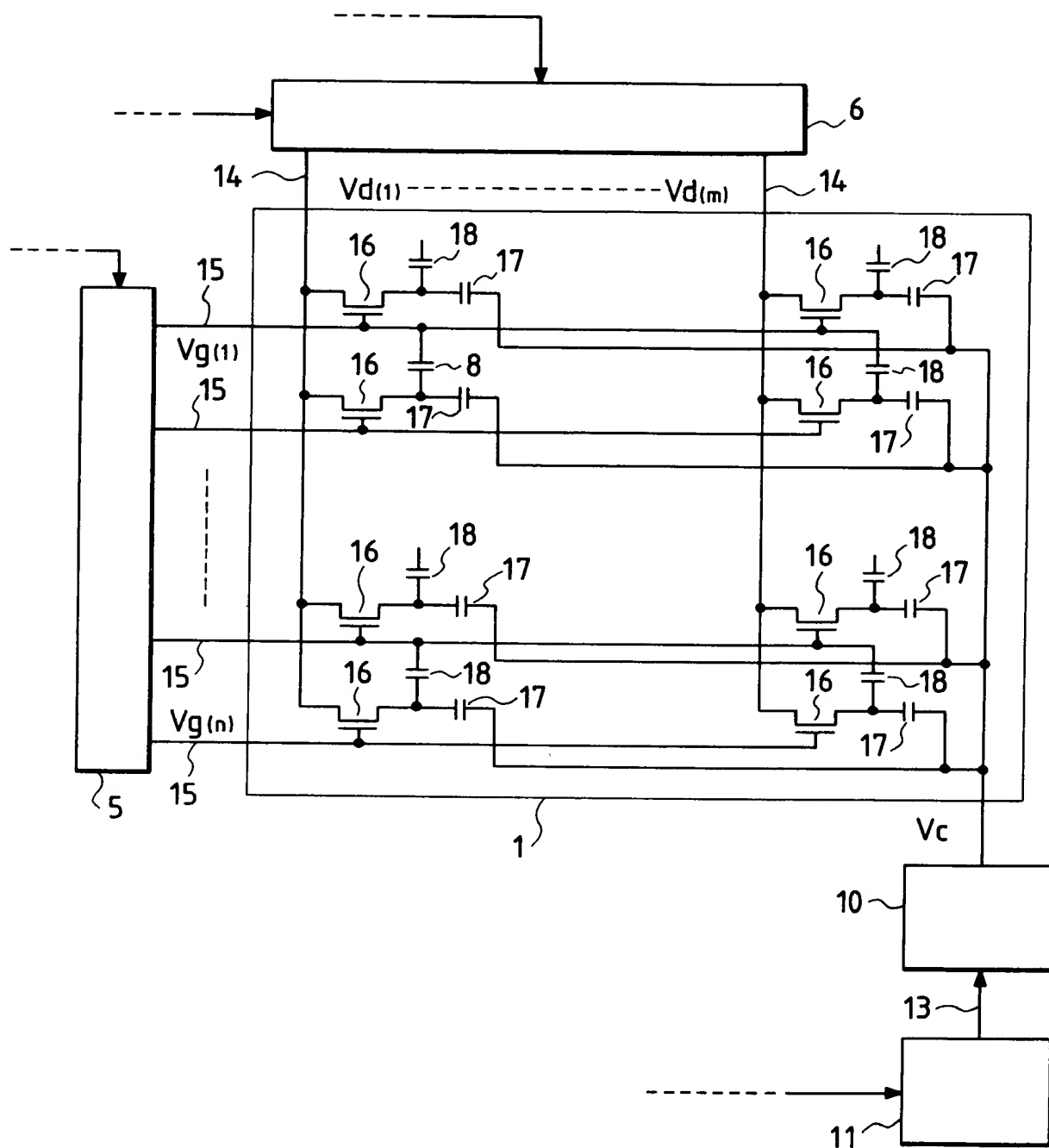
APPROVED	O.G. FIG.
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BY	CLASS & SUBCLASS
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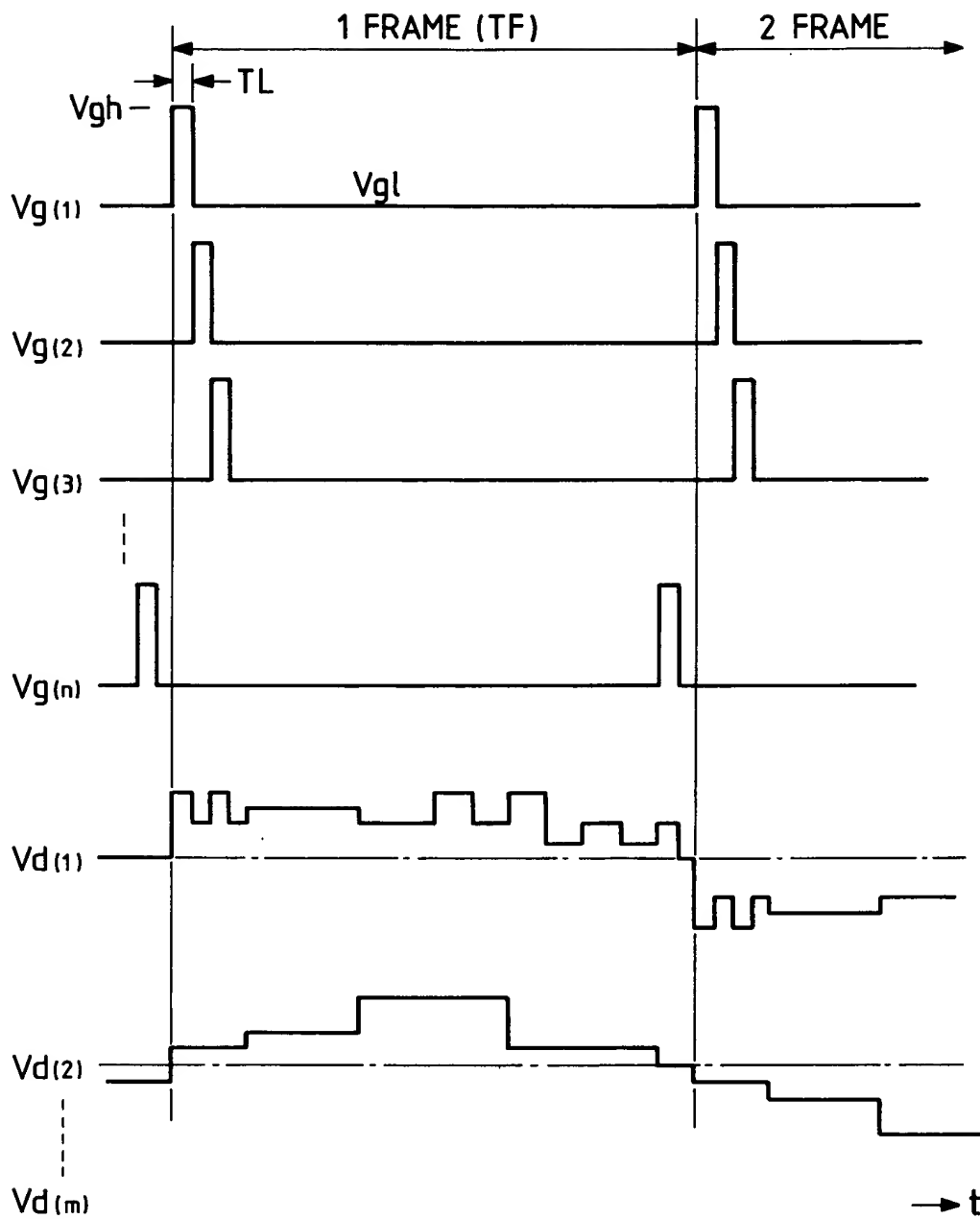
FIG. 5



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O.G. FIG.	CLASS	CLASS

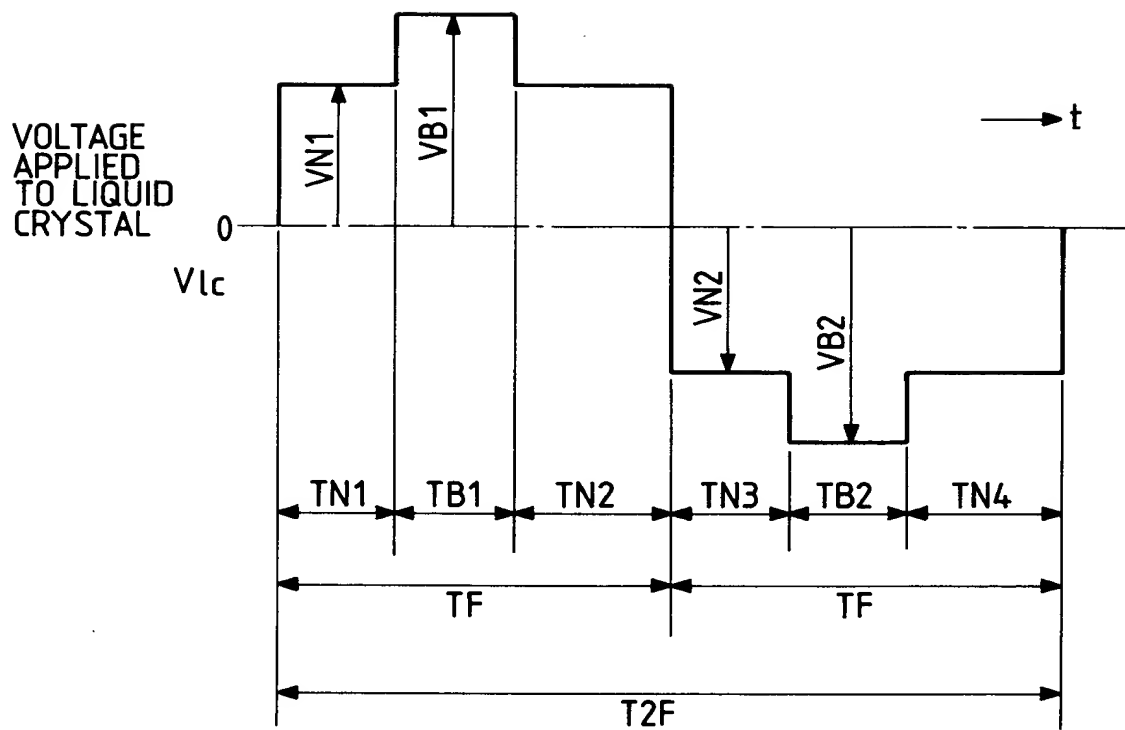
FIG. 6



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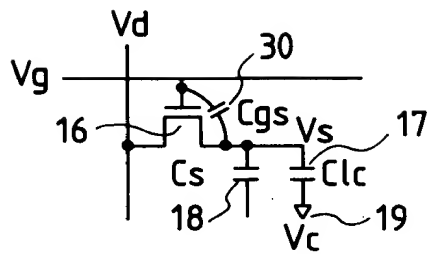
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FIG. 7



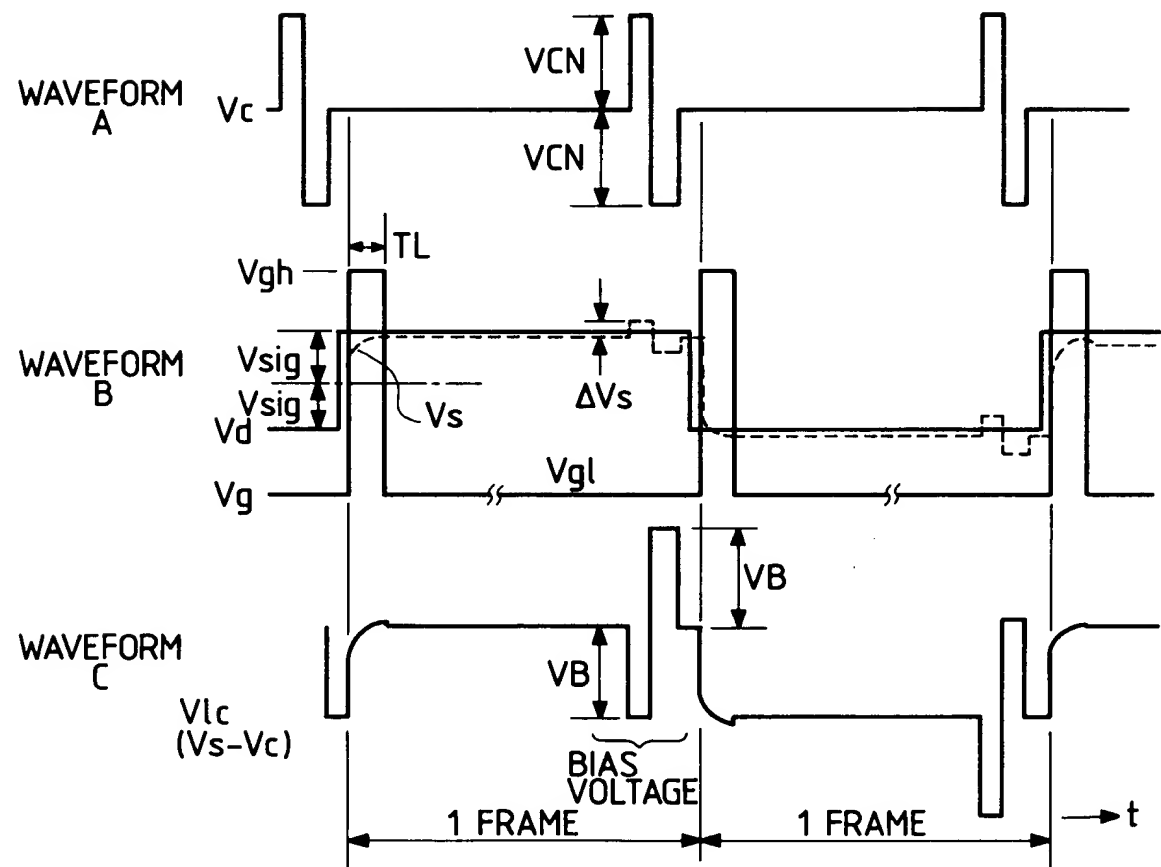
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FIG. 8



EQUIVALENT CIRCUIT OF PICTURE ELEMENT

AUXILIARY  
SIGNAL (Vsub)



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FIG. 9

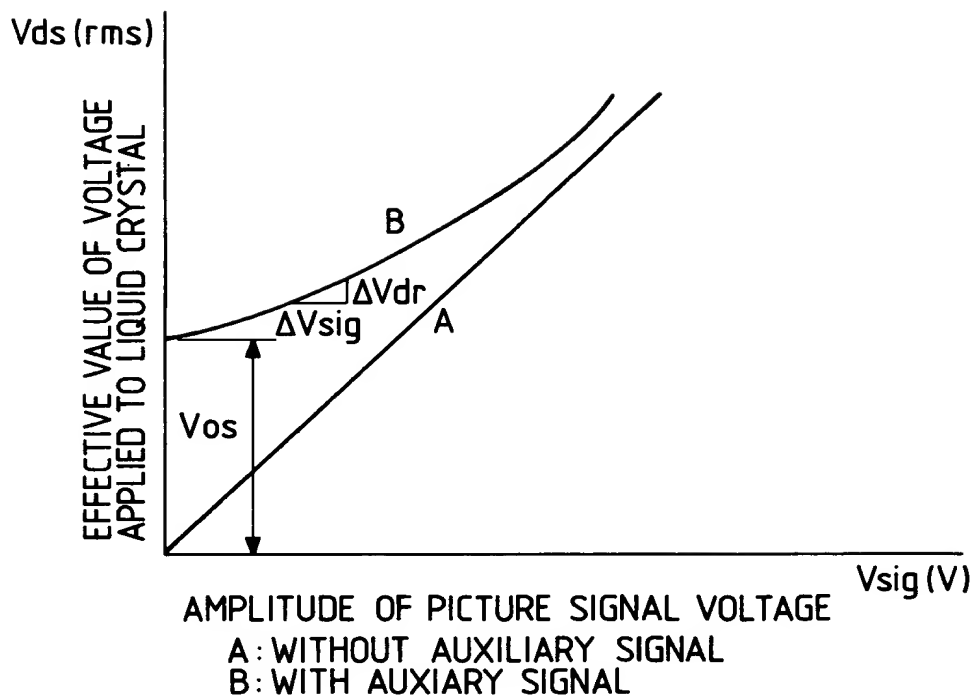
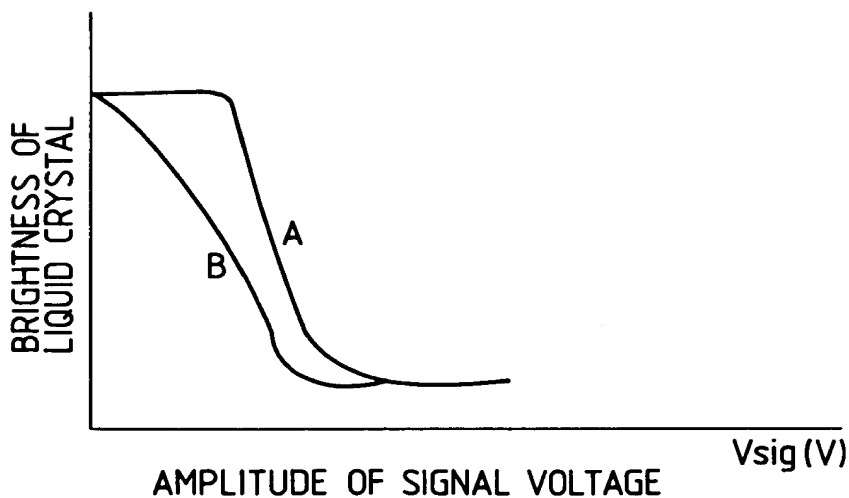


FIG. 10





[illegible]

The diagram illustrates the timing of various signals for a 1T1R array. The signals are plotted against time, with a horizontal axis representing the duration of one frame and a subsequent bias voltage period.

- Vgh**: High voltage signal. It is high during the writing time  $T_L$  and then drops to a low level.
- Vgl**: Low voltage signal. It is low during the writing time  $T_L$  and then drops to a low level.
- Vd**: Data signal. It is high during the writing time  $T_L$  and then drops to a low level.
- Vg(i+1)**: Gate signal for the next row. It is high during the writing time  $T_L$  and then drops to a low level.
- Vs**: Source voltage. It is high during the writing time  $T_L$  and then drops to a low level.
- Vb**: Bias voltage. It is high during the writing time  $T_L$  and then drops to a low level.
- AUXILIARY SIGNAL**: A signal that is high during the writing time  $T_L$  and then drops to a low level.
- VCN**: A signal that is high during the writing time  $T_L$  and then drops to a low level.
- 1 FRAME**: The duration of one frame, indicated by a horizontal arrow.
- BIAS VOLTAGE**: A signal that is high during the writing time  $T_L$  and then drops to a low level.

FIG. 12

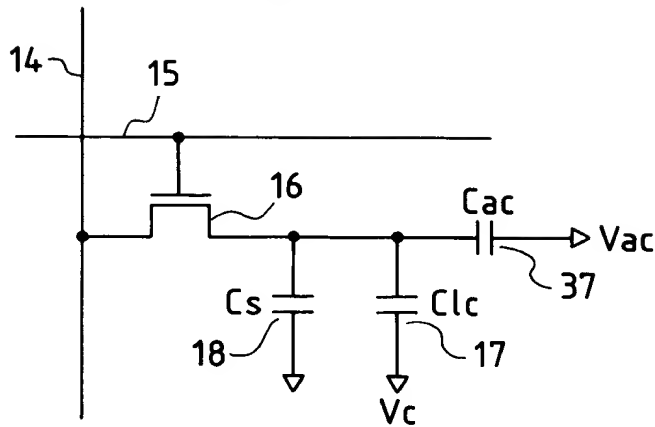


FIG. 13

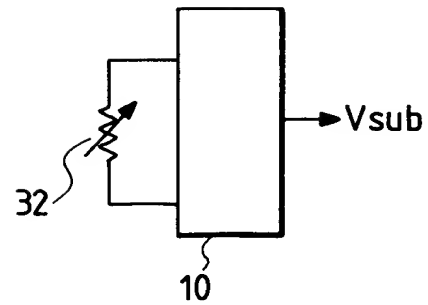
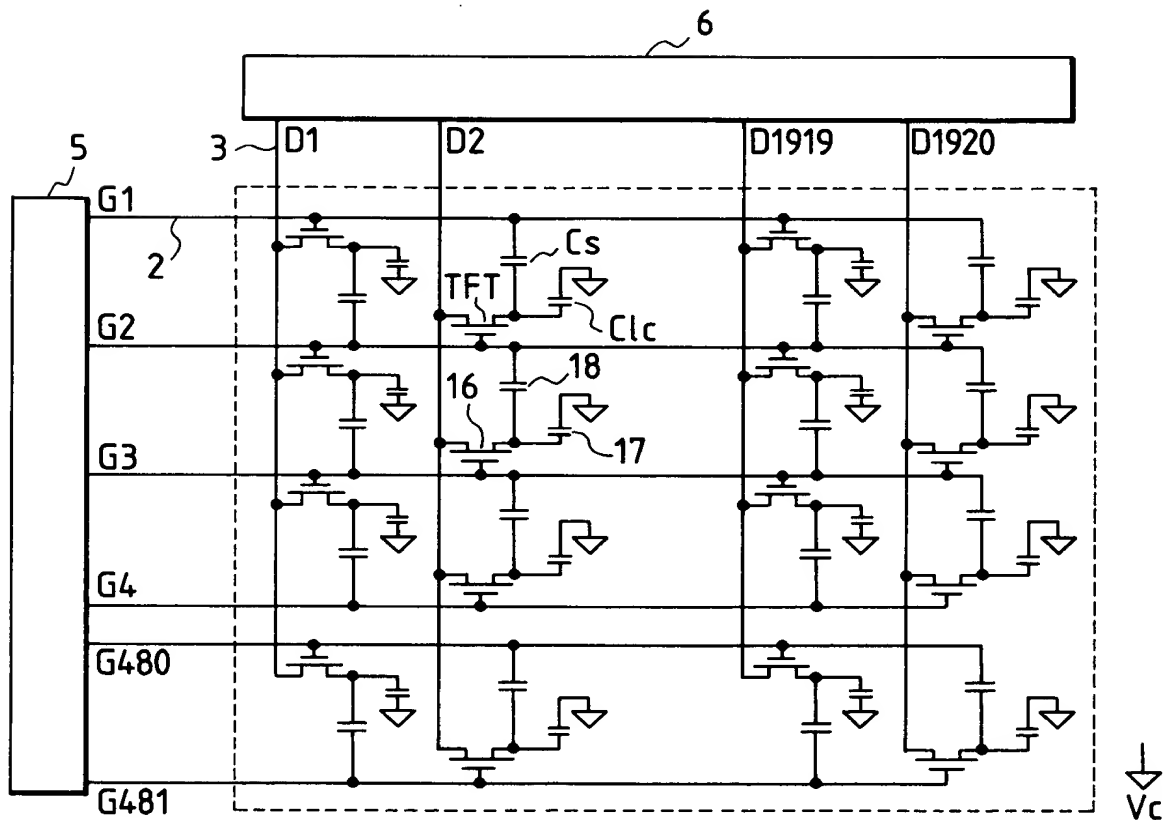


FIG. 14



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DATE	CLASS

FIG. 15

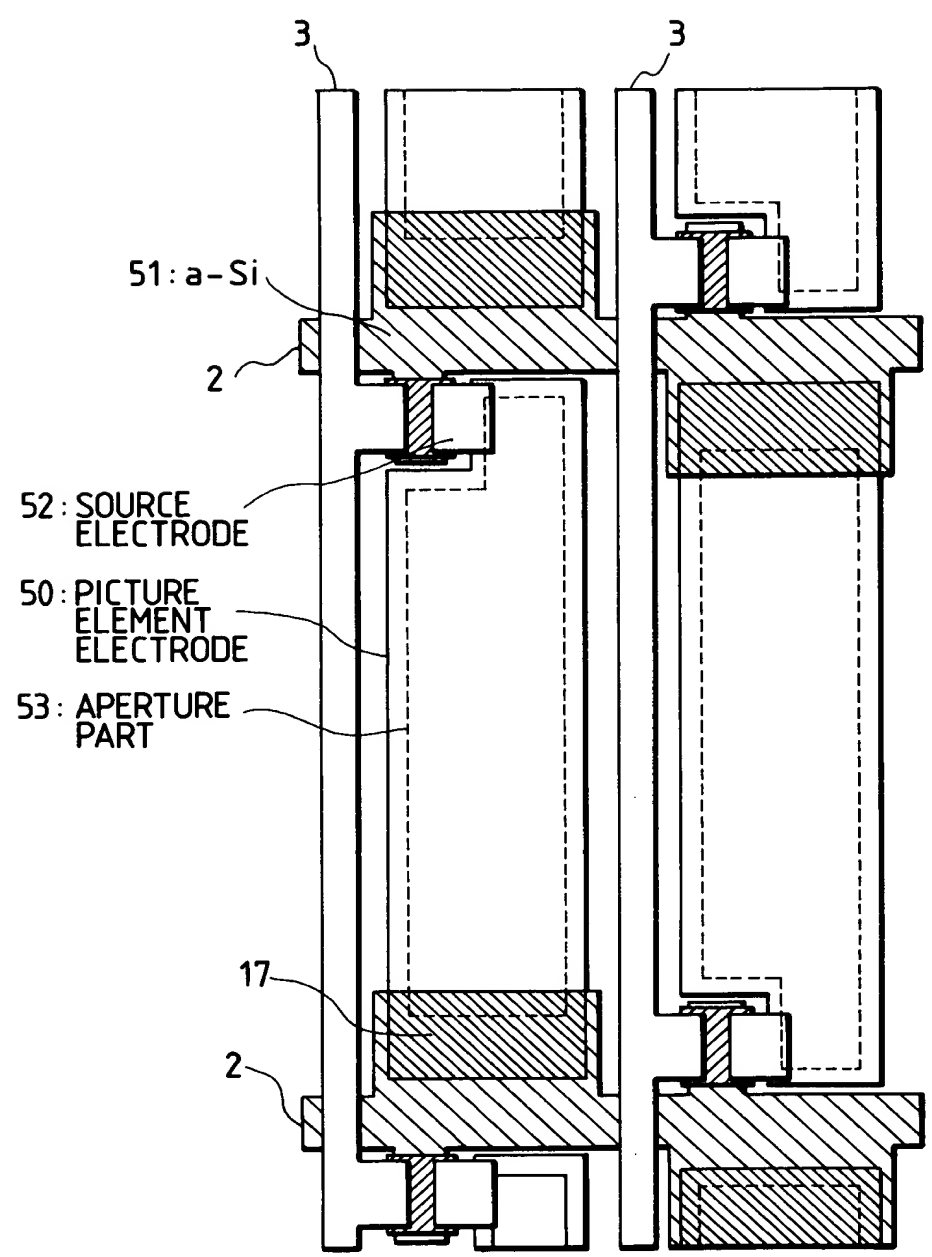
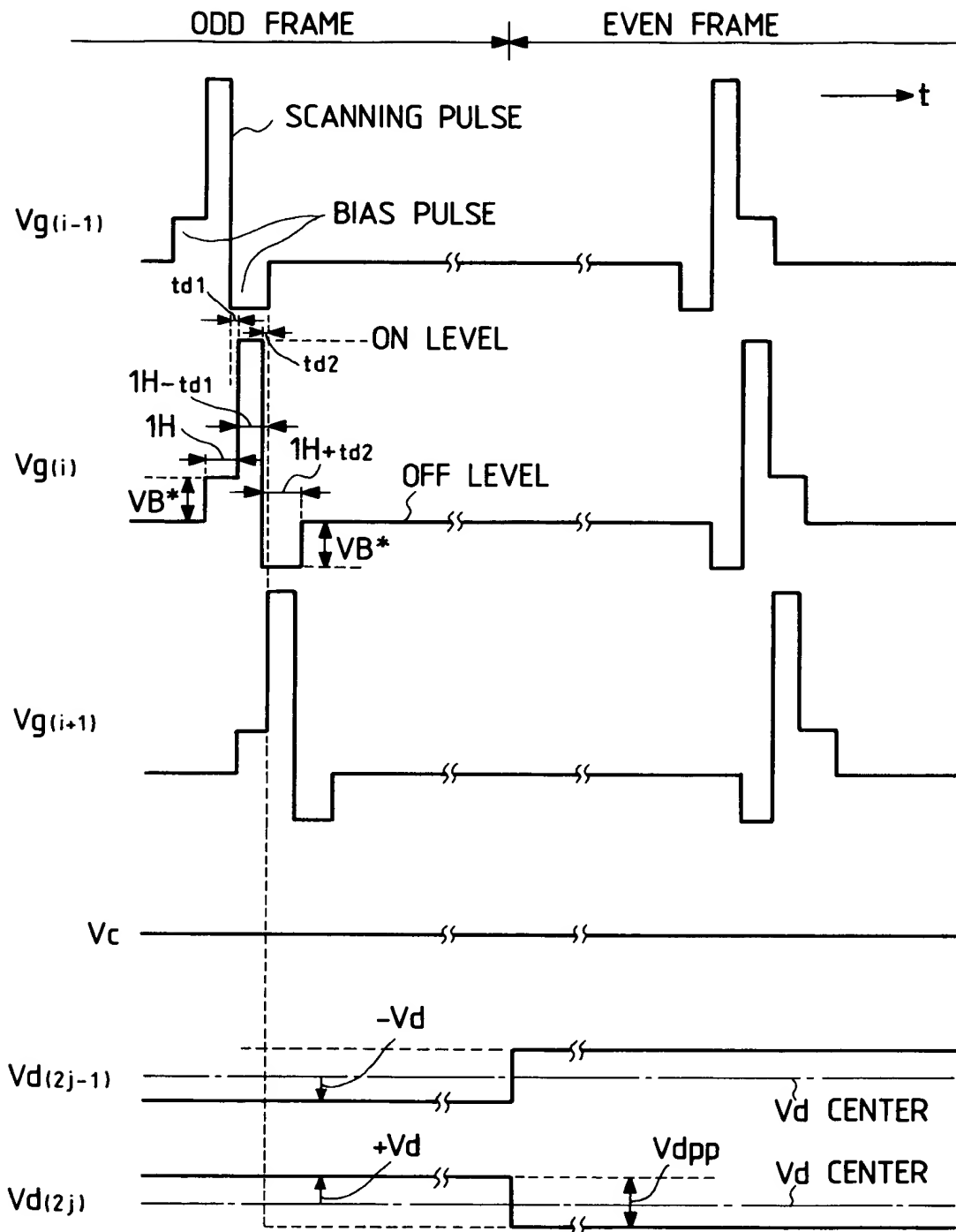


FIG. 16

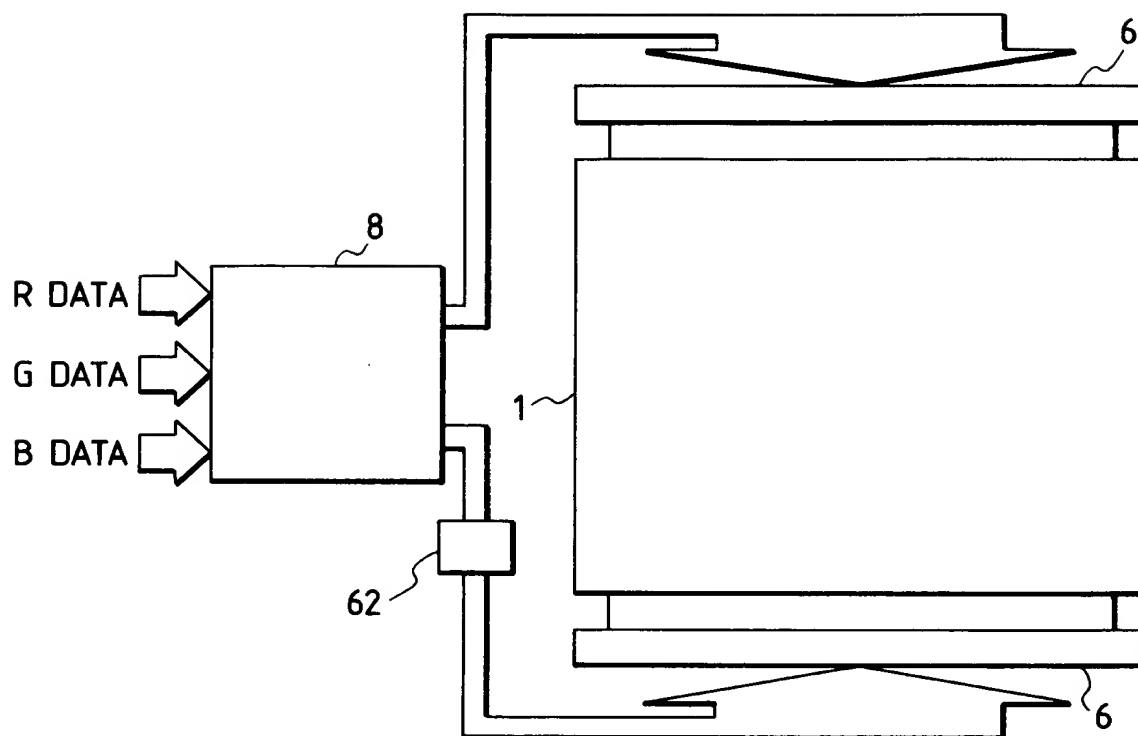


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O. G. FIG.	SUBCLASS
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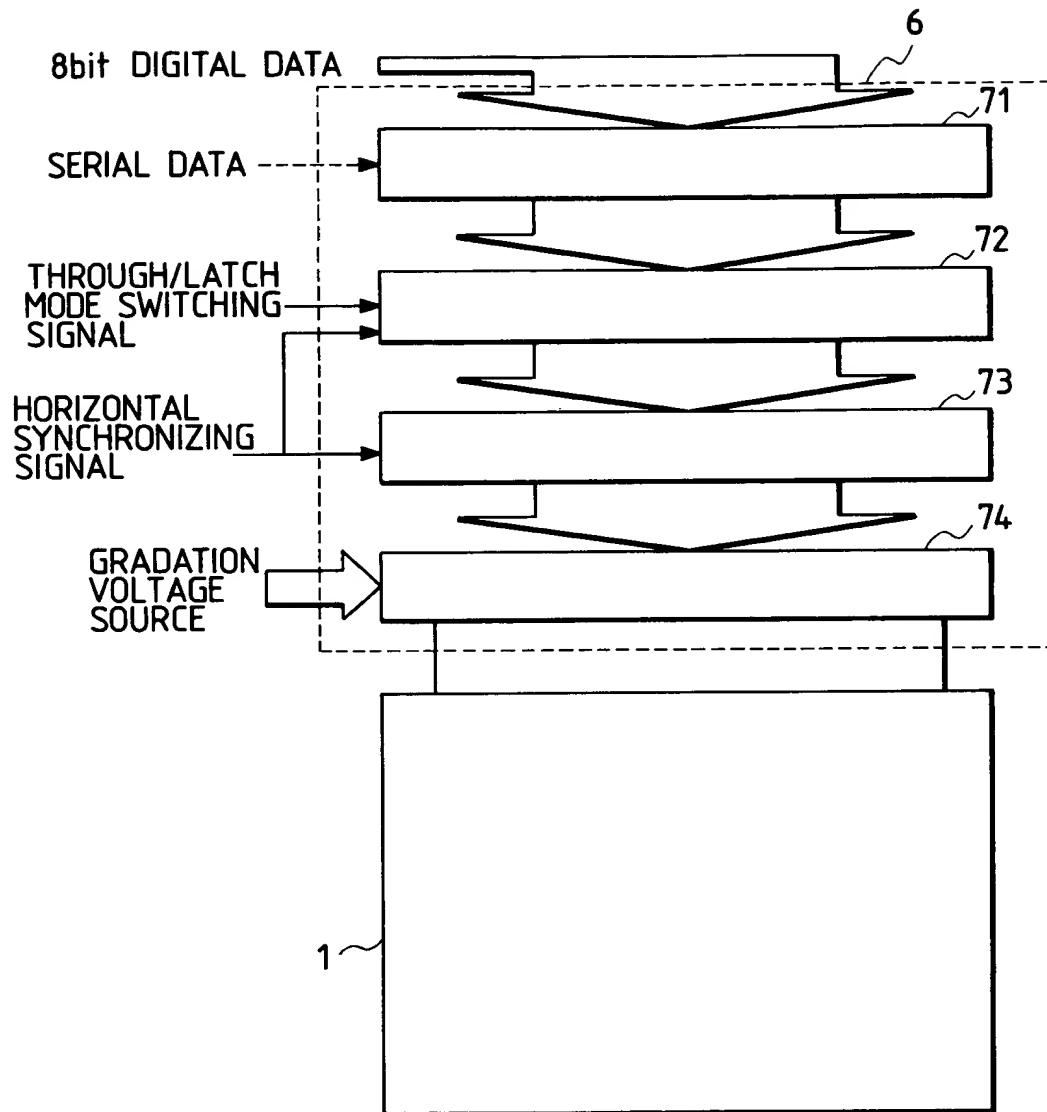
FIG. 17



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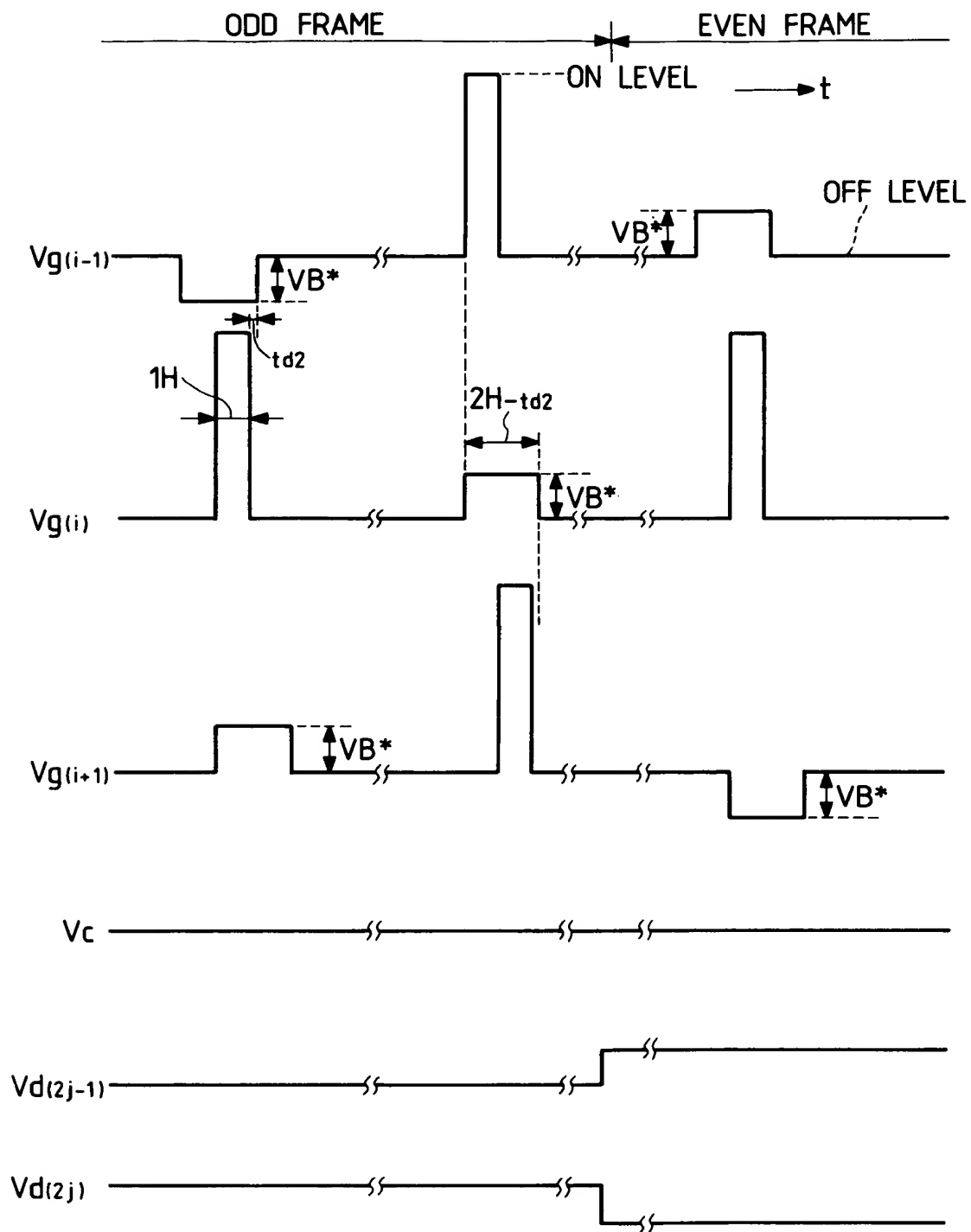
O.G. FIG.		CLASS	SUBCLASS
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FIG. 18



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FIG. 19



0.6. FIG.	CLASS
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FIG. 20

APPROVED	O.G. FIG.
BY	CLASS
DATE	SUBCLASS

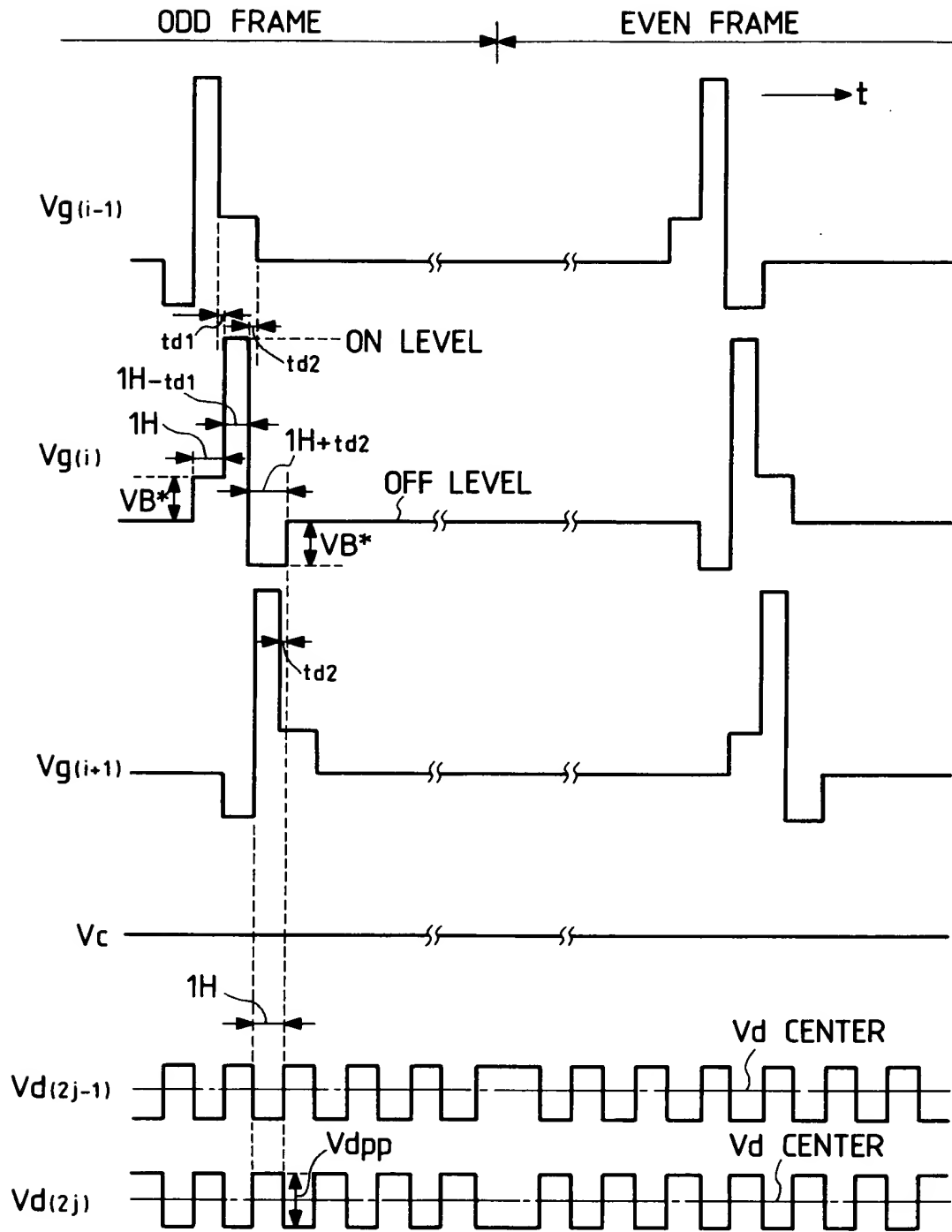
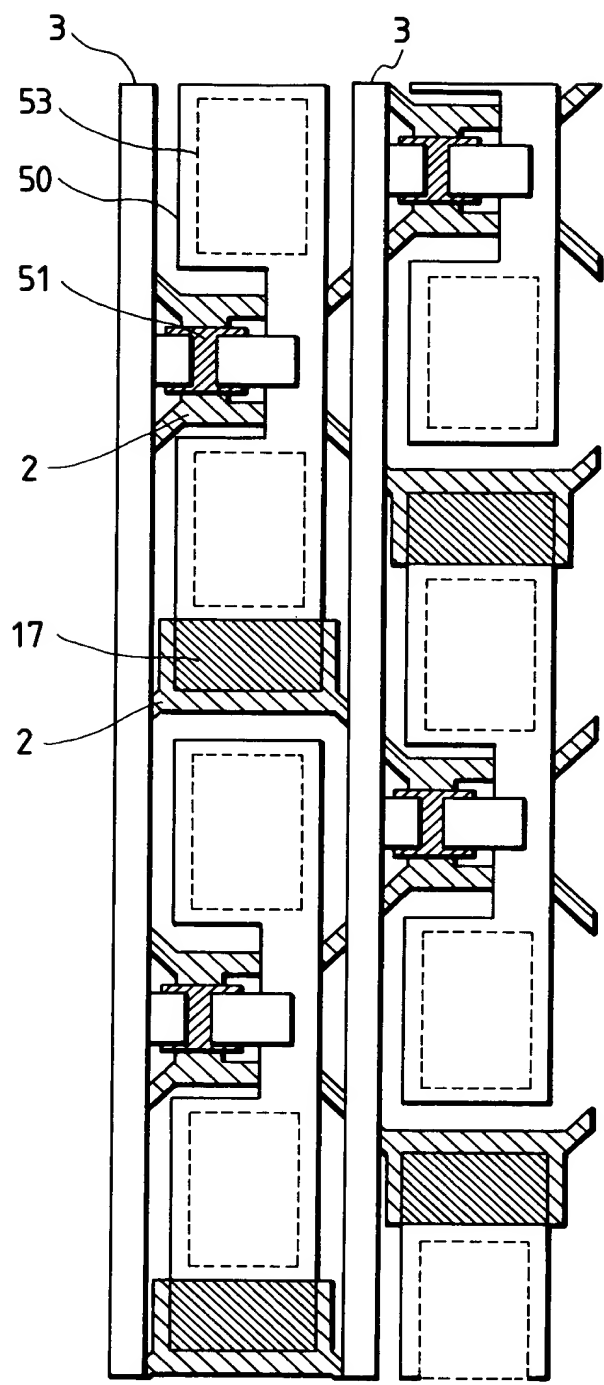




FIG. 21



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APPROVED	BY	CLASS	SUBCLASS

FIG. 22

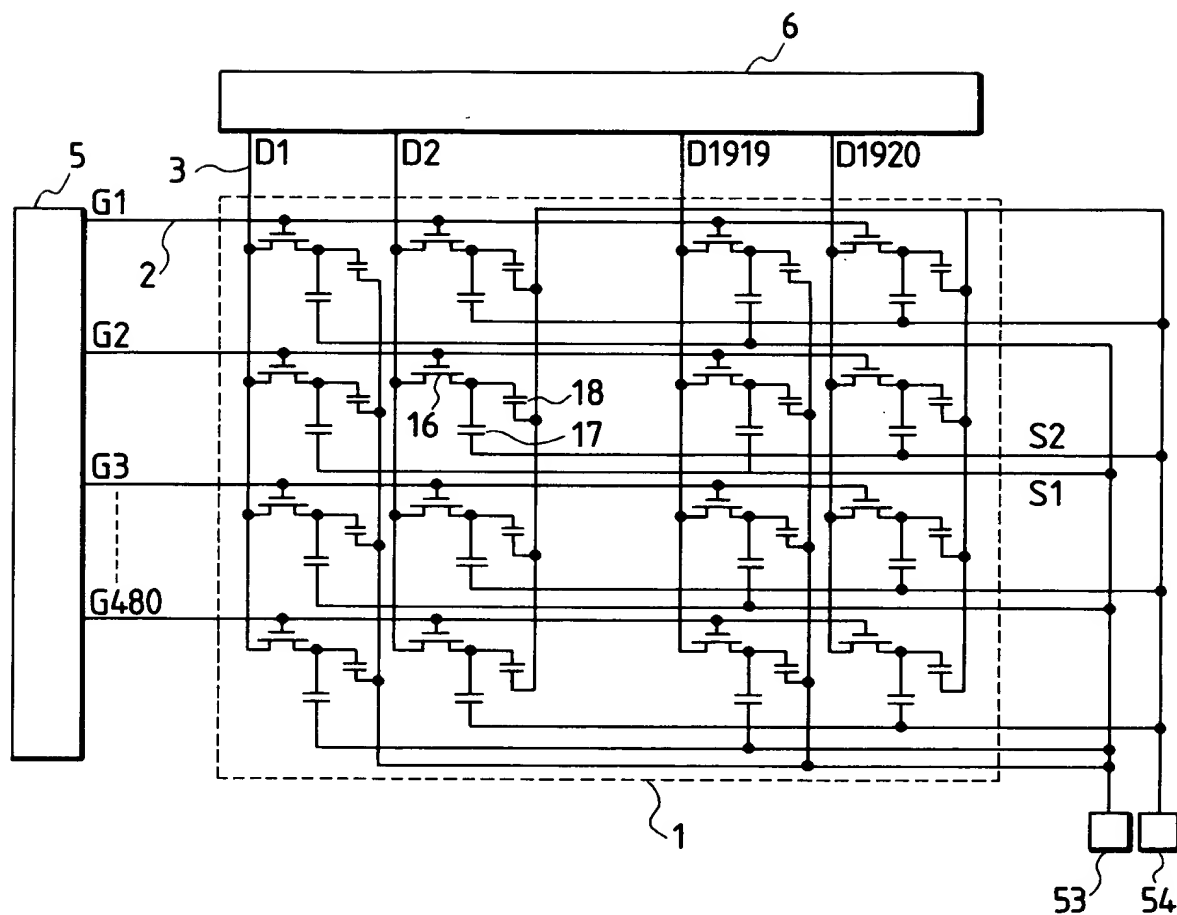
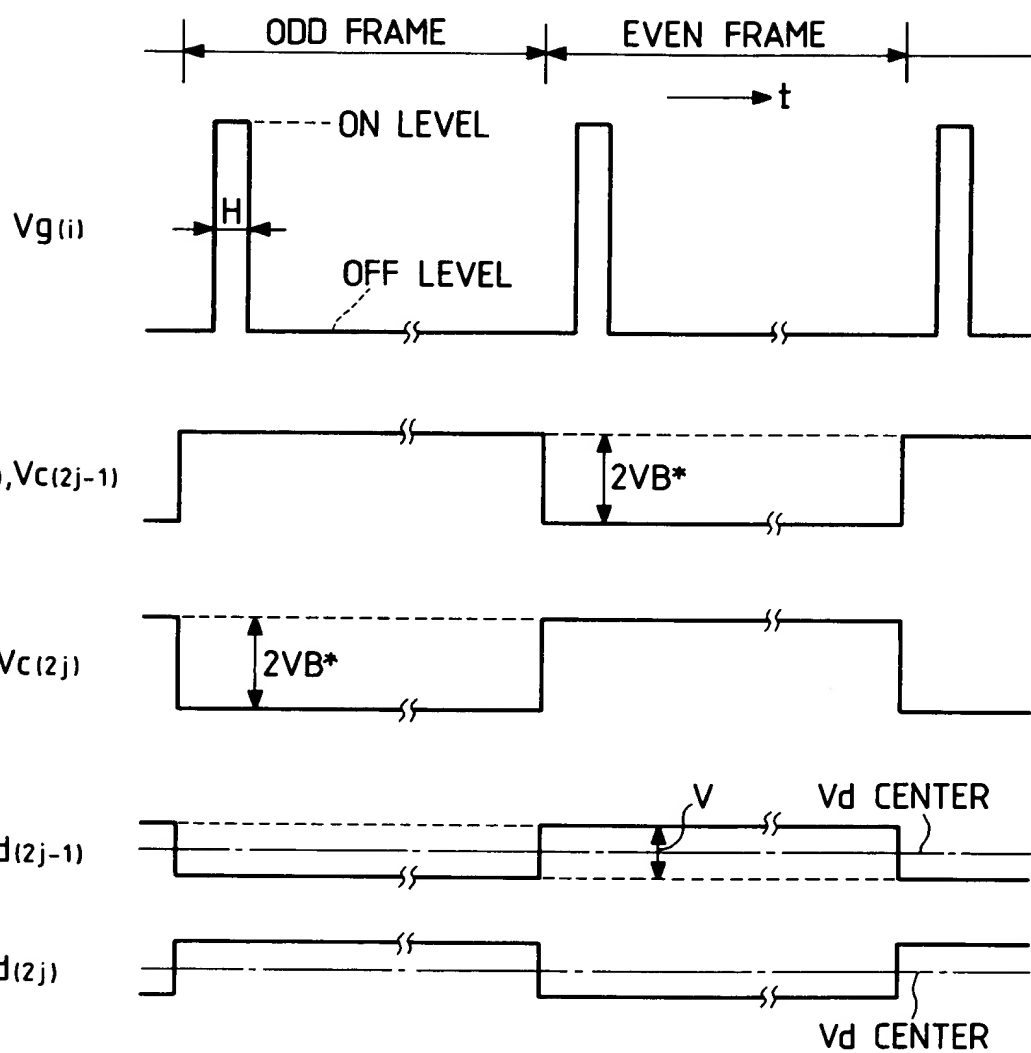


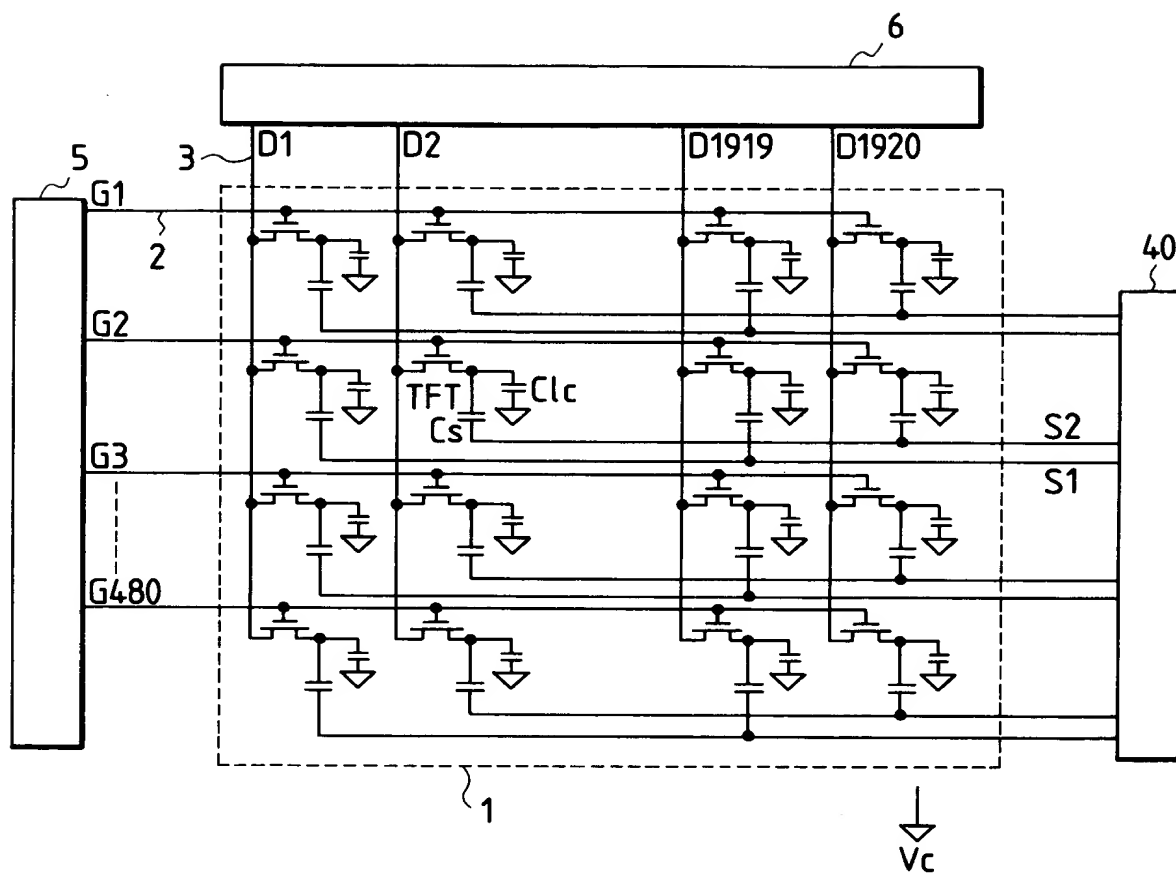
FIG. 23



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CLASS	SUBCLASS	
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FIG. 24



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FIG. 25

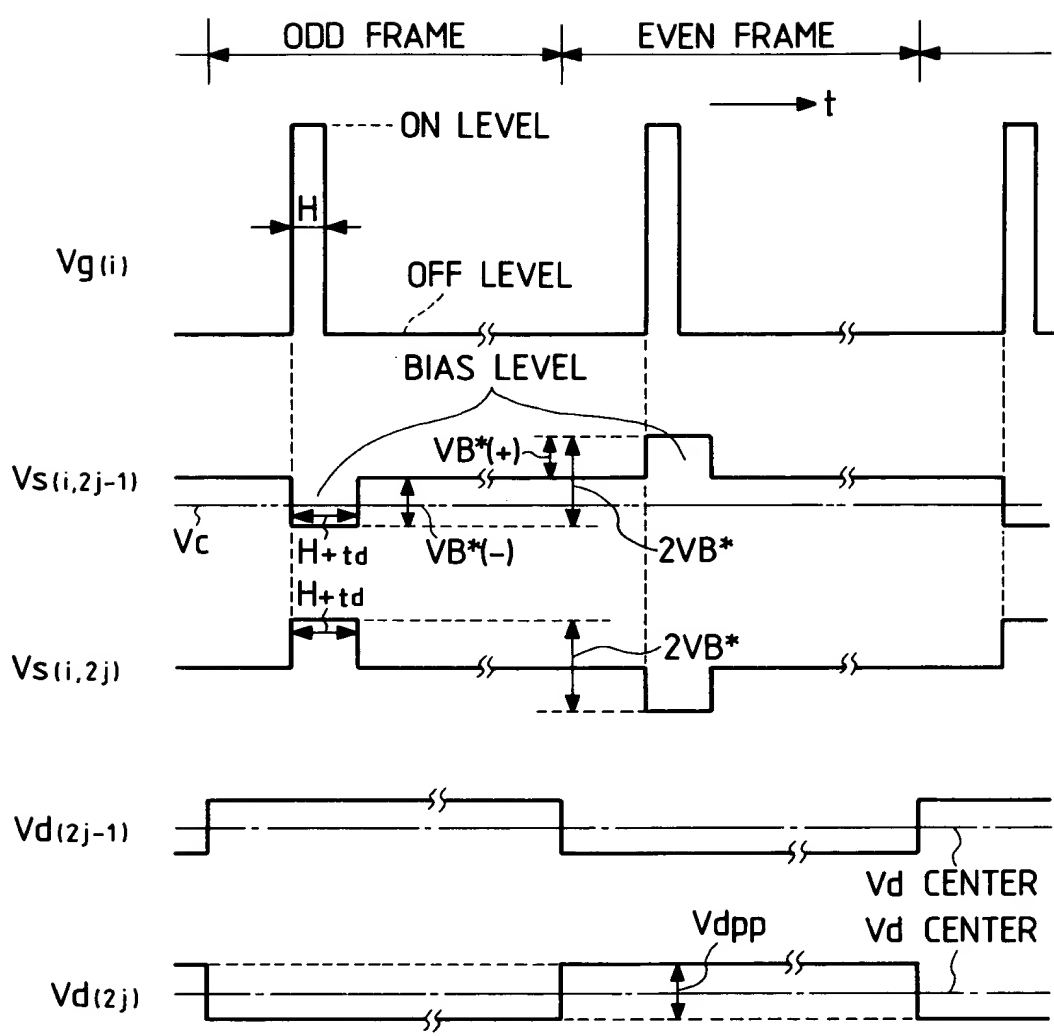


FIG. 26

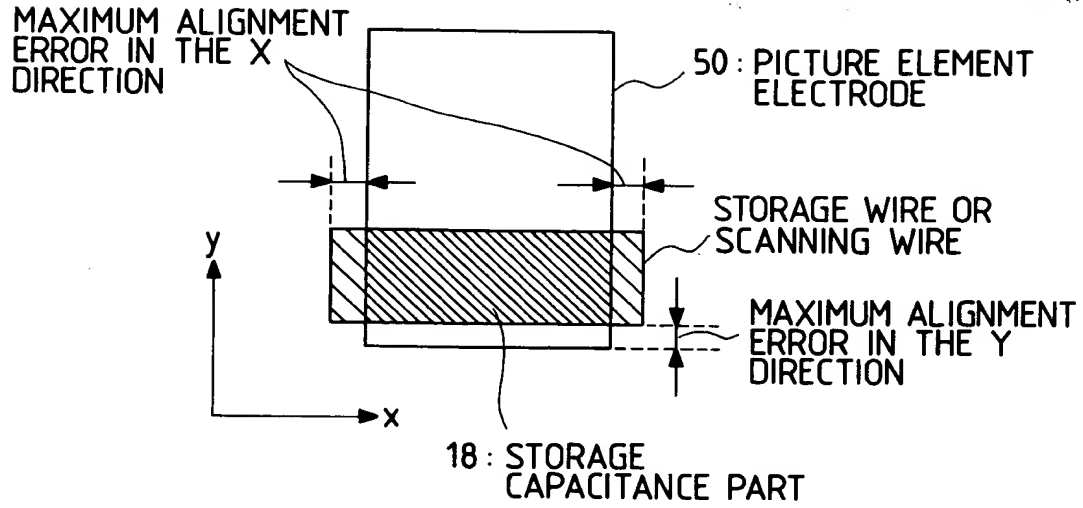
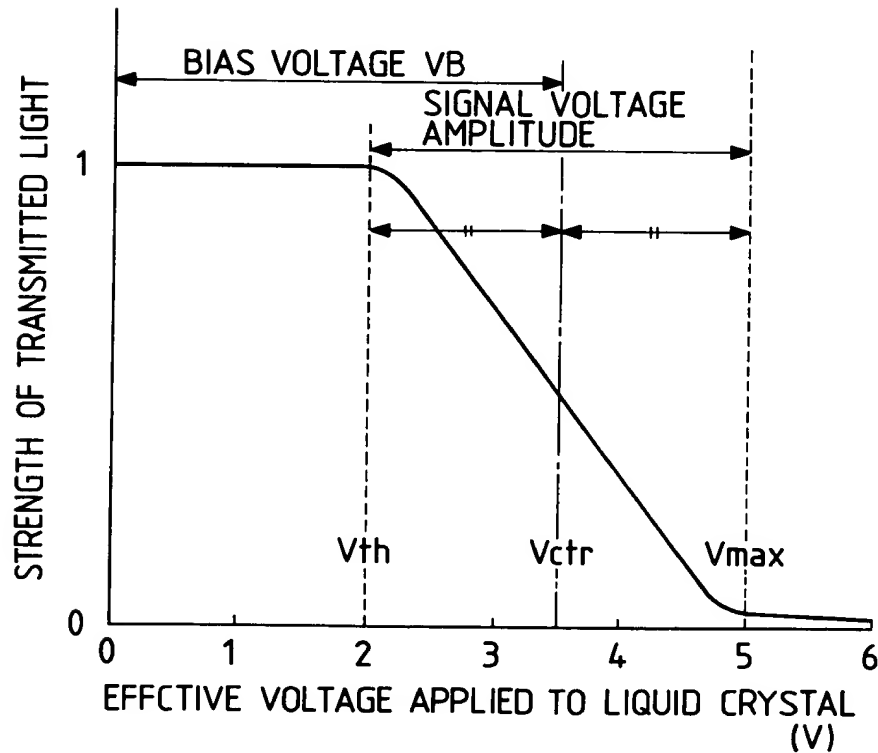
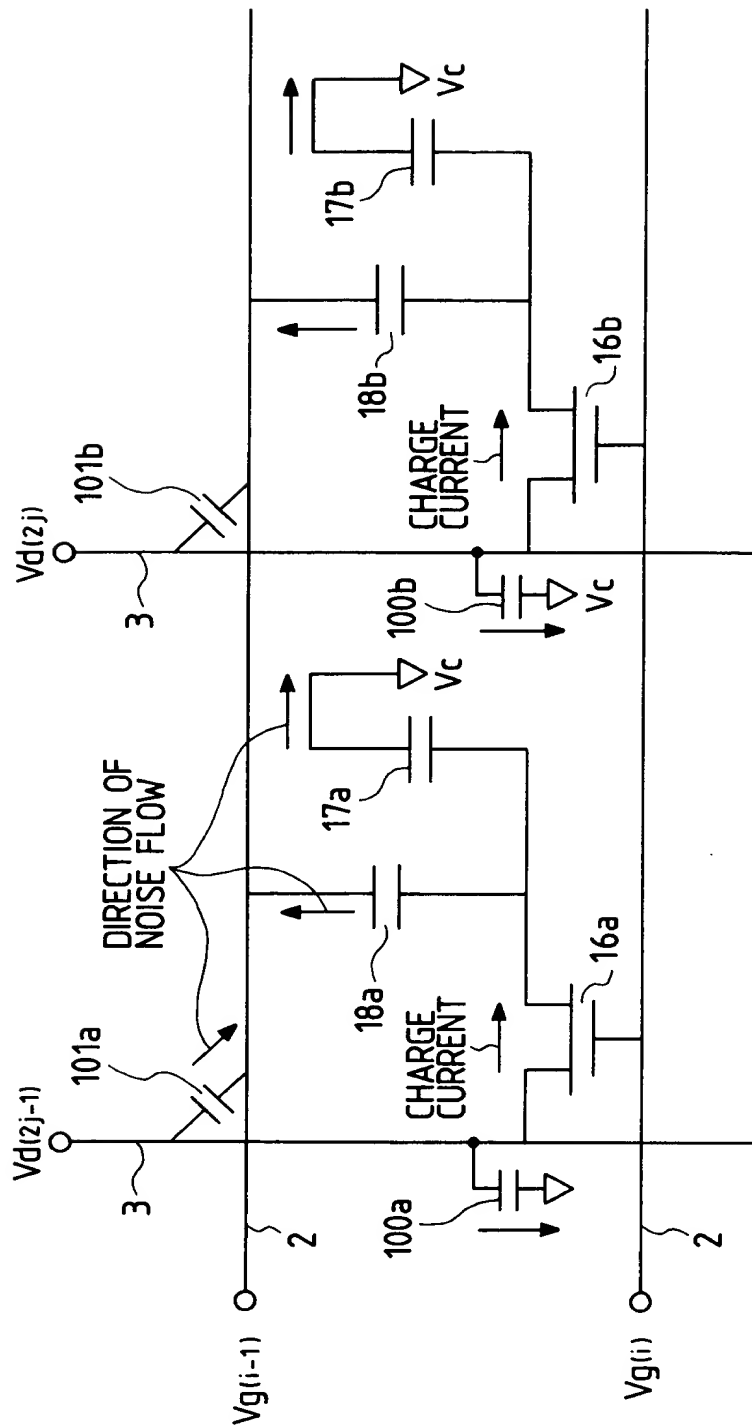


FIG. 27



APPROVED	O.G. FIG.
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FIG. 28



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